

# MYSQL USEFUL FUNCTIONS AND CLAUSES

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<http://www.tutorialspoint.com/mysql/mysql-useful-functions.htm>

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Here is the list of all important MySQL functions. Each function has been explained along with suitable example.

- [MySQL Group By Clause](#) - The MySQL GROUP BY statement is used along with the SQL aggregate functions like SUM to provide means of grouping the result dataset by certain database table column(s).
- [MySQL IN Clause](#) - This is a clause which can be used along with any MySQL query to specify a condition.
- [MySQL BETWEEN Clause](#) - This is a clause which can be used along with any MySQL query to specify a condition.
- [MySQL UNION Keyword](#) - Use a UNION operation to combine multiple result sets into one.
- [MySQL COUNT Function](#) - The MySQL COUNT aggregate function is used to count the number of rows in a database table.
- [MySQL MAX Function](#) - The MySQL MAX aggregate function allows us to select the highest (maximum) value for a certain column.
- [MySQL MIN Function](#) - The MySQL MIN aggregate function allows us to select the lowest (minimum) value for a certain column.
- [MySQL AVG Function](#) - The MySQL AVG aggregate function selects the average value for certain table column.
- [MySQL SUM Function](#) - The MySQL SUM aggregate function allows selecting the total for a numeric column.
- [MySQL SQRT Functions](#) - This is used to generate a square root of a given number.
- [MySQL RAND Function](#) - This is used to generate a random number using MySQL command.
- [MySQL CONCAT Function](#) - This is used to concatenate any string inside any MySQL command.
- [MySQL DATE and Time Functions](#) - Complete list of MySQL Date and Time related functions.
- [MySQL Numeric Functions](#) - Complete list of MySQL functions required to manipulate numbers in MySQL.
- [MySQL String Functions](#) - Complete list of MySQL functions required to manipulate strings in MySQL.